

 --53. (Thrice Amended) A[n] liquid electrically conductive compatible polymer blend composition comprising the doped product formed from blending a first solution comprising a Lewis base electrically conductive polymer in undoped form in an first organic solvent with and a second solution comprising a Lewis acid polymer dopant in a second organic solvent, wherein said Lewis acid polymers dopant dopes said Lewis base electrically conductive polymer in undoped form to obtain said electrically conductive polymer blend, the resulting doped conductive product being soluble in the combination of said first and said second organic solvents and miscible at the molecular level, said first and said second organic solvents being the same or different.--

Cancel Claim 68 and substitute Claim 82 therefor:

 --82. A method of preparing a liquid electrically conductive intercalated molecular polymer blend comprising blending the doped product formed from blending a first solution comprising a Lewis base electrically conductive polymer in undoped form in an first organic solvent with and a second solution comprising a Lewis acid polymer dopant in a second organic solvent, wherein said Lewis acid polymers dopant dopes said Lewis base electrically conductive polymer in undoped form to obtain said electrically conductive polymer blend, the resulting doped conductive product being soluble in the combination of said first and said second organic solvents and miscible at the molecular level, said first and said second organic solvents being the same or different.--

Add the following claims:

 --83. A liquid electrically conductive compatible polymer blend composition comprising the doped product formed from blending a first solution comprising a Lewis base electrically conductive polymer in undoped form in an first organic solvent with and a second solution comprising a Lewis acid polymer dopant in a second organic solvent, said electrically conductive polymer selected from the group consisting of substituted and unsubstituted polyparaphenylenevinylenes, polyanilines, polyazines, polythiophenes,

poly-p-phenylene sulfides, polyfuranes, polypyrroles, polyselenophenes, polyacetylenes, formed from soluble precursors and combinations and blends thereof, wherein said Lewis acid polymer dopant dopes said Lewis base electrically conductive polymer in undoped form to obtain said electrically conductive polymer blend, the resulting doped conductive product being soluble in the combination of said first and said second organic solvents and miscible at the molecular level, said first and said second organic solvents being the same or different.--

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--84. A method of preparing a liquid electrically conductive intercalated molecular polymer blend comprising blending the doped product formed from blending a first solution comprising a Lewis base electrically conductive polymer in undoped form in an first organic solvent with and a second solution comprising a Lewis acid polymer dopant in a second organic solvent, said electrically conductive polymer selected from the group consisting of substituted and unsubstituted polyparaphenylenevinylenes, polyanilines, polyazines, polythiophenes, poly-p-phenylene sulfides, polyfuranes, polypyrroles, polyselenophenes, polyacetylenes, formed from soluble precursors and combinations and blends thereof, wherein said Lewis acid polymer dopant dopes said Lewis base electrically conductive polymer in undoped form to obtain said electrically conductive polymer blend, the resulting doped conductive product being soluble in the combination of said first and said second organic solvents and miscible at the molecular level, said first and said second organic solvents being the same or different.--

REMARKS

The courtesies extended by the Examiner to applicants' attorney and one of the applicants, Dr. Angelopoulos, during the personal conference held with the Examiner, which later included the Primary Examiner, on October 23, 1996 is gratefully acknowledged. Prior to the conference, applicants had submitted a response to the